

**XP-002244331**

**AN - 1995-085349 [05]**

**AP - [Div ex] JP19860020362 19860131; JP19930253853 19860131; [Div ex]  
JP19860020362 19860131; JP19930253853 19860131; [Based on J07010772 ]**

**CPY - FUKO**

**- MAED-I**

**- FUKO**

**DC - B04**

**FS - CPI**

**IC - A61K35/78 ; A61K38/55**

**MC - B04-M01 B14-C03**

**M1 - [01] M423 M781 M903 P420 V400 V406 V616 V814**

**PA - (FUKO ) FUJI SEIYU KK**

**- (MAED-I) MAEDA H**

**- (FUKO ) FUJI OIL CO LTD**

**PN - JP7010772 A 19950113 DW199512 A61K38/55 005pp**

**- JP7121869B B2 19951225 DW199605 A61K38/55 005pp**

**PR - JP19860020362 19860131; JP19930253853 19860131**

**XA - C1995-038768**

**XIC - A61K-035/78 ; A61K-038/55**

**XR - 1988-033942 1995-085350**

**AB - J07010772 Inhibitor comprises active constituent of soybean Kunitz  
type trypsin inhibitor (KTI) or its deriv..**

**- USE/ADVANTAGE - The inhibitor is used for depressing inflammatory  
oedema and depressing retention of pleural effusion or ascites due to  
cancer.**

**- In an example, prepn. of KTI: soybean whey, obtd. in the process of  
mfg. sepd. soybean protein from denatured fat-removed soybean, was  
condensed. One volume of the condensed material contg. 5.5% of crude  
protein was mixed with 0.5 volume of acetone, and stirred for approx.  
1 hr. The material was centrifuged to obtain the supernatant liq.. The  
liq. was mixed with 1.5 volume of acetone, and stirred for approx. 1  
hr., then centrifuged to obtain ppte. fraction. The fraction was  
dialysed to water. The dialysed liq. was mixed with 0.5M sodium  
phosphate buffer soln. at amt. of one fiftieth of the liq.. pH was  
adjusted to 7.0. The mixt. was passed through DEAE-cellulose  
ion-exchange column, then elution liq. having 0-0.4M straight gradient  
of table salt concn. was sepd. to respective fractions with a fraction  
collector. BBI type trypsin inhibitor rich fraction and KTI rich  
fraction were respectively condensed through salting out. BBI type  
trypsin inhibitor was further refined. Respective refined prods. were  
precipitated at isoelectric point, then dried by freezing to obtain  
KTI, and BBI type trypsin inhibitor.(Dwg.0/3)**

**IW - INHIBIT INFLAMMATION OEDEMA COMPRISE ACTIVE CONSTITUENT SOY KUNITZ  
TYPE TRYPSIN INHIBIT DERIVATIVE**

**IKW - INHIBIT INFLAMMATION OEDEMA COMPRISE ACTIVE CONSTITUENT SOY KUNITZ  
TYPE TRYPSIN INHIBIT DERIVATIVE**

**NC - 001**

**OPD - 1986-01-31**

**ORD - 1995-01-13**

**PAW - (FUKO ) FUJI SEIYU KK**

**- (MAED-I) MAEDA H**

- (FUKO ) FUJI OIL CO LTD

TI - Inhibitor for inflammatory oedema accentuation - comprises active constituent of soybean Kunitz type trypsin inhibitor (deriv.)